

B&V WASTE SCIENCE AND TECHNOLOGY CORP.

139555
TEL (312) 346-3775

230 WEST MONROE, SUITE 2250
CHICAGO, ILLINOIS 60606
FAX: (312) 346-4781

ARCS V/USEPA
Marion Bragg Dump

August 16, 1990

Ms. Karen Martin
U.S. EPA, Region 5
230 S. Dearborn St.
Chicago, IL 60604

RECEIVED
1990
SUPERFUND PROGRAM
MANAGEMENT BRANCH

RE: Marion Bragg Consent Decree fact sheets

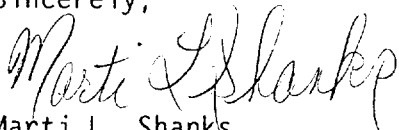
Dear Karen:

Enclosed please find the fact sheets for the Marion Bragg site, announcing the lodging of the Consent Decree. Also enclosed are mailing labels prepared from the updated site mailing list, as well as a hard copy of the mailing list for your records.

The newspaper ad announcing the public availability session has been placed in today's edition of the Marion Chronicle Tribune. As soon as I receive the tear sheet from the ad, I will send you a copy for your records.

If you should have any questions, please do not hesitate to call.

Sincerely,



Marti L. Shanks
Community Relations Manager

Encls.

cc: B Schorle, USEPA w/encl.
T. Lesser, USEPA w/encl.
✓ C. Norman, USEPA w/encl.
B. Bruce, BVST w/encl.



MARION/BRAGG DUMP SUPERFUND SITE CONSENT DECREE LODGED

August 1990

PUBLIC AVAILABILITY SESSION:

August 21, 1990, 7:00 p.m.
County Complex Building
County Council Chambers
401 S. Adams
Marion, Indiana

PUBLIC COMMENT PERIOD ON CONSENT DECREE:

August 8 – September 7, 1990

SEND WRITTEN COMMENTS:

Comments must be postmarked
by September 7, 1990 to:

Assistant Attorney General
Environment and Natural
Resources Division
Department of Justice
Washington, D.C. 20530

Ref: U.S. v. Yount, D.J. Ref.
No. 90-11-3-251



Printed on recycled paper

INTRODUCTION

The U.S. Environmental Protection Agency (EPA) has been working toward a solution at the Marion/Bragg Dump Superfund site (the site) for several years. The combined efforts of the EPA, the State of Indiana, and some of the parties potentially responsible for contamination at the site have resulted in a formal legal agreement known as a Consent Decree. Under the Consent Decree, parties who have signed the decree implement the cleanup action selected in the Record of Decision signed by the Region V Administrator, Valdas Adamkus, on September 30, 1987. The Consent Decree was lodged July 20, 1990, in the U. S. District Court for the Northern District of Indiana in Fort Wayne.

This fact sheet describes the terms of the Consent Decree, summarizes the remedial action selected, and provides information concerning the opportunities the public has to learn more about the site. A glossary of terms used in this fact sheet can be found on page 4. Words defined in the glossary appear in bold print the first time they are used. The full Consent Decree, along with other documents regarding the site, is available for review at the Marion Public Library.

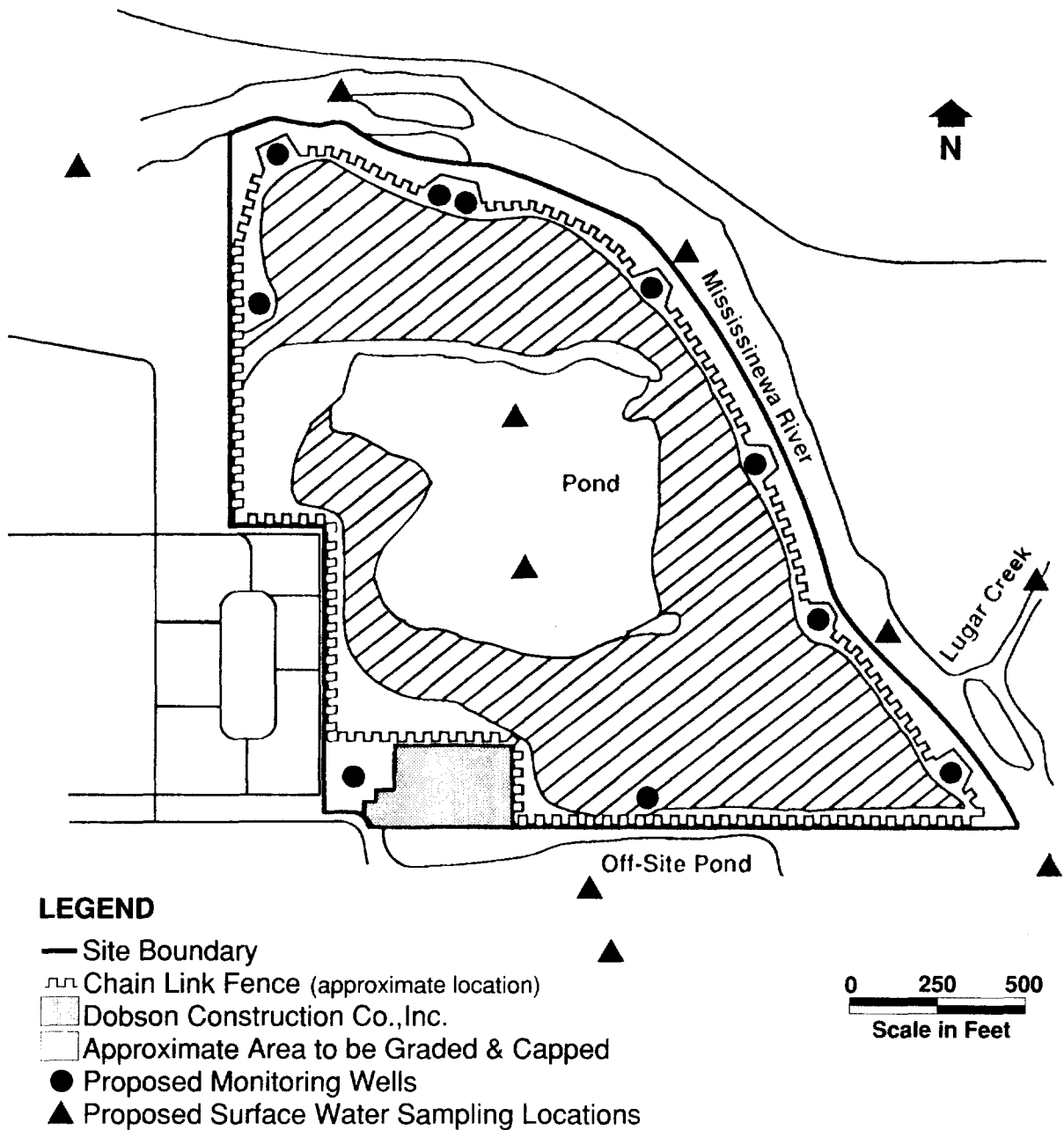
BACKGROUND

The Marion/Bragg Dump was placed on the EPA's National Priorities List, a listing of the sites requiring investigation of contamination, in 1983. The EPA began an investigation in 1985 to determine the nature and extent of hazardous wastes present at the site. This remedial investigation concluded that on-site soils are contaminated with **polycyclic aromatic hydrocarbons (PAHs)**, and on-site **groundwater** with **arsenic**.

An evaluation was also done as part of the investigation to determine if the contaminants on the site pose a threat to the public health. Based on this analysis, it was determined that there are only two pathways by which the contaminants would pose a health threat: (1) by direct skin contact with on-site soils and (2) by drinking on-site groundwater. These exposure pathways are effectively eliminated by the remedial action defined below.

EPA conducted a feasibility study to evaluate the alternatives available to address site contamination and recommended a remedy for the site. This proposed **remedial action** was described in a fact sheet and at

MARION / BRAGG DUMP SITE ELEMENTS OF REMEDIAL ACTION



a public meeting held on August 19, 1987. EPA provided the public with a 38-day comment period in which to submit comments on the proposed remedy. These comments were studied and addressed in the Responsiveness Summary section of the September 30, 1987, Record of Decision and were fully evaluated before making the final decision regard-

ing the selected remedial action.

CORRECTIVE ACTION TO BE TAKEN

The remedial action is being implemented by the parties who have signed the Consent Decree. EPA is overseeing the work performed, which includes the following steps:

- Regrading portions of the site to promote surface water runoff and placing a clay cap covered with top soil over the site surface. This cap is designed and constructed in accordance with State of Indiana regulations. It will reduce rainfall seepage into the landfill and serve as a barrier to prevent human and animal contact with the contaminants.

- A fence has been constructed to restrict access to the site (see figure on page 2).
- All on-site wells, with the exception of the well drilled in 1988 on the Dobson property, have been abandoned. The site owner has agreed to deed restrictions to prevent use of the groundwater beneath the site.
- Provide flood protection measures for the site from Mississinewa River floods. This will help maintain the cap and prevent contaminants from being

washed from the site by flood waters.

- Monitor groundwater and surface water quality and, if necessary, conduct additional tests on the groundwater and surface waters and aquatic life to determine if further remedial action is necessary.

Several elements have been incorporated into the remedial activities to provide additional safeguards during the construction. The first construction on the site was placement of 10 new monitoring wells. Next, the site perimeter was

cleared and prepared and a six-foot chain link fence installed. A silt fabric was installed from the ground to approximately three feet high inside the fence. This has minimized soils and materials from being washed off-site during the construction activities. Until the fence was installed, a security guard was present at all times when construction personnel were not on the site. The final safeguard called for clean fill to be brought to the site to be used for regrading. This allowed the regrading to be done with minimal moving of contaminated on-site soils.

THE NEXT STEP

A notice of the lodging of the Consent Decree was published in the Federal Register on August 8, 1990. The public has 30 days from that date to send comments in writing to the Department of Justice. EPA will hold a public availability session to answer questions regarding the site and the Consent Decree. The Depart-

ment of Justice will consider written comments to ensure that the decree is appropriate and consistent with the law, and will file the written comments with the Court. The responsible parties are continuing to proceed, under the decree's terms and with EPA's authorization, to implement remedial action under the supervision

of the State of Indiana and EPA. EPA anticipates that remedial action will be completed by Spring 1991. The responsible parties, with government oversight, will monitor groundwater and surface water quality after the remedy has been implemented to determine if any further action is necessary.

FOR MORE INFORMATION

An availability session will be held at the County Complex Building, on August 21, 1990. At this session, representatives from EPA and the Indiana Department of Environmental Management will be present to provide information and answer questions regarding the remedial action and the Consent Decree.

The Consent Decree, along with other documents pertaining to the Marion/Bragg Dump site, is available for review at the site repository:

Marion Public Library
600 South Washington St.

Marion, Indiana
(317)664-7363

Comments on the Consent Decree should be submitted no later than September 7, 1990, to the:

Assistant Attorney General
Environment and Natural
Resources Division
Department of Justice
Washington, D.C. 20530,

and should reference U.S. v. Yount, D.J. Ref. No. 90-11-3-251.

For more information about the Marion/Bragg Dump site, please contact:

Karen Martin, 5PA-14
Community Relations
Coordinator
Office of Public Affairs
(312) 886-6128

Bernie Schorle, 5HS-11
Remedial Project Manager
Office of Superfund
Remedial Enforcement and
Response Branch
(312) 886-4746

U.S. EPA - Region 5
230 South Dearborn Street
Chicago, IL 60604
Toll free number: 1-800-621-8431
9:30 a.m. to 4:30 p.m.
Central Time

GLOSSARY

Arsenic An inorganic element used extensively in insecticides and weed killers because of its highly toxic character. Arsenic is also used in the manufacture of glass, metal alloys, and wood preservatives.

Groundwater Water that fills spaces between soil, sand, rock or gravel particles beneath the earth's surface. Rain water that does not evaporate or immediately

flows to rivers and streams slowly seeps through the soil to the point of saturation, forming a groundwater reservoir. Groundwater flows very slowly compared to surface water, often along routes that lead to streams and rivers.

Polycyclic Aromatic Hydrocarbons (PAHs)

A diverse class of organic compounds. One source of PAHs is the incomplete

combustion of carbon and hydrogen-containing materials such as fossil fuels, cigarettes, and wood. Some PAHs are known to cause cancer.

Remedial Action Those actions taken to prevent or minimize the release of hazardous substances so that they do not migrate to cause substantial danger to present or future public health or welfare or the environment.

MAILING LIST ADDITIONS AND CORRECTIONS

If you would like to be placed on EPA's mailing list for the Marion/Bragg site, or need to correct your mailing address, please fill out and mail this form to:

Karen Martin, 5PA-14
Office of Public Affairs
U.S. EPA, Region V
230 South Dearborn Street
Chicago, IL 60604

Name: _____

Address: _____

Telephone: _____

Affiliation: _____



U. S. Environmental Protection Agency
Region 5
Office of Public Affairs (5PA-14)
230 South Dearborn Street
Chicago, IL 60604